

SYSTEM AND METHOD FOR TRANSMITTING DATA USING SELECTIVE PARTIAL ENCRYPTION

ABSTRACT OF THE DISCLOSURE

Particular portions of a message receive strong encryption while other parts of the message are less strongly encrypted or even unencrypted, resulting in a differentially encrypted data set. The data set is transmitted to a receiving end where it may be decrypted as desired. Receiving stations requiring the encrypted information and having authorized access may decrypt it, while other stations may decrypt this information only partially or not at all. Required computational power is reduced both on the client side and in channel processing because only selected portions of the message are subject to strong encryption and decryption processing, and latency and problems associated with latency are reduced.